

LOCKHEED AIRCRAFT CORP.

ENGINEERING STUDY CHANGE PROPOSAL

LAC -168

DATE 28 OCTOBER 1963

AFFECTS :

WSPO PROJECT

NAME OF MAJOR COMPONENT

PART OR LOWEST SUBASSEMBLY

PART NO. & MODEL OR TYPE

STAT

TITLE OF PROPOSAL :

INSTALL SUIT VENT BLOWER

NATURE OF PROPOSAL :

SEE PAGE 2

APPROVED BY 13

REASON FOR PROPOSAL :

PILOT IS UNCOMFORTABLY HOT DURING THE COCKPIT TIME PRIOR TO TAKEOFF- PARTICULARLY IN HOT HUMID CLIMATE. THIS CAN BE ALLEVIATED BY A SUIT VENT BLOWER, USED IN CONJUNCTION WITH REFRIGERATED AIR PUMPED INTO THE COCKPIT.

ES

ESTIMATED COST AND TIME INVOLVED :

ADDITIONAL FUNDING REQUIRED :

CP

ESTIMATED COST FOR KITS OR PARTS :

25X

ADDITIONAL FUNDING REQUIRED : NONE (SP-1922)

ITEMS AFFECTED BY PROPOSAL :

SAFETY	MISSION EFFECTIVENESS	PERFORMANCE	OPERATING PROCEDURE	INTER-CHANGEABILITY	WEIGHT OR WEIGHT & BALANCE	TOOLS & SUPPORT EQUIPMENT	MAINTENANCE PROCEDURE	SERVICE LIFE	FLIGHT MANUAL	MAINTENANCE MANUAL
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD

SOURCE OF PARTS FOR KIT
GFE & CONTRACTORAVAILABILITY 6 WEEKS AFTER APPROVAL
FOR LAC PORTION OF KIT

DISPOSITION OF SPARES AFFECTED

Concur

00/00A 12 Nov 83

STAT

INITIATED BY :

CUSTOMER

APPROVED : WSO-

PROJECT

Approved For Release 2002/08/21 : CIA-RDP89B00980R000200170080-7

NATURE OF PROPOSAL:

Install a suit blower in the cockpit on the System 1 recorder cover. This space is also assigned to the B400 Rate Meter (S/B 724) requiring removal of the blower on missions requiring the rate meter. The blower and B400 rate meter will use a common mounting rack furnished with S/B 724 and attached permanently to the recorder cover, which allows quick removal of either unit by two snap-slide fasteners. The suit blower, Fed. Stock No. 4140-540-0517, will be GFE.

A 10 to 12 inch long hose on the right-hand side of the pressure suit will be required. The hose must be terminated with a USAF P/N 55B3536 disconnect coupling. It is the contractors understanding that the suit modification will be negotiated directly between the customer and suit manufacturer and therefore this modification, including the 55B3536 coupling, is not a portion of this ECP.

An 18 inch hose will be installed on the blower with a fitting to engage the 55B3536 disconnect on the suit. The pull away force to separate the fittings will not exceed 10 pounds.

Install suit blower ON-OFF switch on the pilots L.H. auxiliary switch panel adjacent to the slipper pump switch.

Install a 10A circuit breaker in the Q-Bay circuit breaker panel. Install necessary interconnecting wiring.

Prepare and issue Service Bulletin and fabricate kits for field installation. Spares required to be ordered on Depot Purchase Order request.